

5. UTILITIES AND COMMUNITY FACILITIES

This chapter of the County Plan includes the background information for the Utilities and Community Facilities Element of the Comprehensive Plan. Roads, public buildings, boat landings and two wayside parks are the extent of utilities and community facilities under the County's jurisdiction. The County does not have any jurisdiction over any public water or sewer system. These systems are analyzed in this chapter for information and economic development purposes. In addition, this chapter addresses goals and strategies relating to utilities and community facilities.

UTILITIES AND COMMUNITY FACILITIES EXISTING CONDITIONS AND RESOURCES

Sanitary Sewer Service

There are eight wastewater treatment facilities (WWTF) in Crawford County (Map 5.01). Annually, Wisconsin Administrative Code NR 208 requires that facility owners submit a Compliance Maintenance Annual Report (CMAR), a self-evaluation-reporting requirement for publicly and privately owned domestic wastewater treatment works. The purpose of the CMAR is to evaluate the wastewater treatment system for problems or deficiencies. The eCMAR is due June 30th each year. Table 5.01 provides information on the wastewater treatment facilities located in Crawford County and the Grade Point Average (GPA). All WWTF facilities in the County have a GPA of Good or Satisfactory.

The Grade Point Average (GPA) is an overall rating based on CMAR section weighting factors of 1-10, letter grades, and grade points. All WWTF in Crawford County are below 50% of capacity with the exception of Gays Mills and Valley Ridge CWC. Map 5.01 shows the location of wastewater treatment plants in the County.

Score	Grade	Grade Points	Grade Meaning	Response Range
91-100	A	4	Good	Voluntary
81-90	B	3	Satisfactory	Voluntary
71-80	C	2	Marginal	Recommendation
61-70	D	1	Poor	Action
<61	F	0	Fail	Action

Table 5.01 Crawford County Wastewater Treatment Facilities (WWTF)

WWTF Facility	Design Capacity (gpd) MGD	Average Daily Use (gpd) MGD	Percent of Capacity	Grade Point Average (GPA)
V. of De Soto	.065	.01527	23.5%	4.0
V. of Eastman	.05	.02	40.1%	4.0
V. Ferryville	.048	.011	23.1%	3.39
V. Gays Mills	.087	.10067	115% ⁽¹⁾	3.375
V. Soldiers Grove	.114	.04128	36%	4.0
V. Wauzeka	.08	.02661	33.3%	3.90
C. Prairie du Chien	2.5	.93361	37.3%	4.0
Valley Ridge CWC	.071	.03764	53%	3.9

Source: Wisconsin Department of Natural Resources, Information came from 06/08 eCMAR Reports – 2007 data

(1) Gays Mills Data is misleading due to past flooding events, the operator believes the Village is at 65% of capacity.

Storm Water Service

Crawford County is located in two major watersheds, the Bad-Axe La Crosse River Basin and the Lower Wisconsin River Basin. Five watersheds are located within those basins: 1) Rush Creek Watershed located in the Bad-Axe La Crosse River Basin, and 2) Reads and Tainter Creeks Watershed, 3) Lower Kickapoo River Watershed, 4) Knapp Creek Watershed, 5) Millville Creek Watershed all located in the Lower Wisconsin River Basin. A major responsibility of the County is controlling runoff to protect these valuable watersheds.

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The following is a statement published by Wisconsin DNR regarding storm water runoff and its threat to Wisconsin's waters:

¹Runoff from rainstorms and snowmelt picks up pollutants like sediment, oil and grease, nitrogen and phosphorus, and other chemicals and carries them into storm sewers or directly into waterbodies. Preventing contamination of storm water is critically important or polluted runoff will be discharged - untreated - into the waterbodies we use for swimming, fishing, and drinking water. Most storm sewer systems do not provide significant treatment to the water they collect. Polluted runoff is now regarded as the largest remaining pollution threat to Wisconsin's waters.

There are federal and state laws regarding construction sites of one acre or more land disturbance. Since 2003, federal regulations require construction sites of one acre or more land disturbance to obtain construction site storm water permit coverage to address erosion control and storm water management. In August 1, 2004, the Wisconsin DNR received authority under revised Ch. NR 216 Wis. Adm. Code to require landowners of construction sites with one acre or more of land disturbance to obtain permit coverage. Landowners need to submit an application called a Notice of Intent (NOI) to request coverage under the Construction Site Storm Water Runoff General Permit No. WIS067831.

The most urban community in Crawford County, Prairie du Chien, effectively established a separate water utility in 2008 to deal with storm water runoff. The Prairie du Chien Development and Enhancement Group, LLC (PDCDEG) was formed to enter into the agreement with the city and raise the money needed to complete necessary storm water projects.

Water Supply Services

There are eight municipal water systems located in Crawford County (Map 5.01). Two of the eight municipal water systems (Prairie du Chien and Seneca) have wellhead protection programs in place to protect groundwater pollution prevention measures. Crawford County also has a waste management ordinance in place to protect groundwater and surface waters. There are no licensed landfills or superfund sites located in the County but there is one CAFO (Concentrated Animal Feeding Operation), a hog operation, located near Wauzeka. Table 5.02 provides capacity and storage information for the water utilities located in the County.

Table 5.02 Crawford County Water Utilities

	No. Wells	Actl Capacity (gpm)	Ground Storage (Reservoir)	Elevated Storage (Elevated Tank or Standpipe)	Anl Pumpage (000's)	FT Employees		Water Mains # of Feet
						Water	Sewer	
Bridgeport Sanitary District-Water	Purchase water from PDC Water Utility				26,145	0.6	0.4	31,557
Eastman Water Utility	1	110	52,000		9,610	1		15,179
Gay Mills Municipal Water Utility	1	650	151,000		18,449	0.8		36,006
Mount Sterling Water Utility	1	220		117,000	7,167	0.2		14,167
Prairie du Chien Water Utility	4	5,580	2,500,000		498,410	3		291,012
Seneca District 1	1	240		146,750	7,367	0.1		16,858
Soliders Grove Water Utility	2	676	132,000		16,816	0.5		41,125
Wauzeka Water Utility	2	500		150,000	15,283	0.3	0.5	33,602

Source: Wisconsin Public Service Commission

Solid Waste Disposal and Recycling Services

The Wisconsin Department of Natural Resources has registers of solid waste facilities and transporters for each county in the State. A search of those registries in November 2008 found there are no solid waste licensed landfills in Crawford County. There is one licensed solid waste transfer facility in the County, the WMWI-Prairie du Chien Transfer Facility located in the Town of Bridgeport near the City of Prairie du Chien that handles contaminated soil, demolition, foundry, garbage and refuse. There is also one licensed solid waste composting site located in the

¹ Wis. DNR Pub. No. WT-811, May 2006

County, the Prairie du Chien – Lariviere Farm Park. The DNR registries also listed six licensed solid waste and/or recyclables transporters in the County, Table 5.03.

Table 5.03 Crawford County Licensed Solid Waste and/or Recyclables Transporters

Facility Name	Location	Activity Description
Daves Auto	Bridgeport Township	Recyclables Transporter
Geo Brockway & Sons Inc.	Gays Mills	Solid Waste Transporter
James Richardson Trucking Inc.	Boscobel	Solid Waste/Recyclables Transporter
Village of Lynxville	Lynxville	Solid Waste/Recyclables Transporter
Prairie Sand & Gravel Inc.	Prairie du Chien	Solid Waste Transporter
WMWI – Prairie du Chien	Bridgeport Township	Solid Waste/Recyclables Transporter

Other solid waste activities also occur periodically in the County. One such effort is Clean Sweep where the County gives residents the opportunity to bring hazardous materials from rural residents to the Crawford County Highway Shop. The Wisconsin Fertilizer and Chemical Association also hosts a collection and processing program for used, properly triple-rinsed pesticide and fertilizer containers generated by Wisconsin farmers and growers.

County Community Facilities

Table 5.04 located in Appendix 4 inventories all county owned facilities. This inventory (completed in 2002) valued these properties at over \$23 million. Facilities listed include the county courthouse, and administrative, law enforcement, health and human services, fairground, storage and miscellaneous buildings as well as open land owned by the County. The oldest county owned structure is the County Courthouse, 220 N. Beaumont Road. The oldest section of the courthouse dates back to 1867. An earlier courthouse on this site was built in 1836 when Wisconsin became a territory. The Territorial Prison, referred to as the "Dungeons" is located in the basement and can be visited upon request. The Territorial Prison is believed to have been constructed in 1843, five years before Wisconsin became a state. The jail was operational until the present jail was erected in 1896.



**Crawford County's Administration Building in
Prairie Du Chien**

Park and Recreation Facilities

Table 6.06 in Chapter 6 provides an inventory of the public conservation lands and legacy places available to residents and tourists for recreation. Table 5.05 lists public boat landings and Map 5.02 shows the location of the boat landings.

Crawford County is rich in natural outdoor recreational opportunities. The County has rivers, streams and woodlands that provide residents and tourists with opportunities for boating, fishing, eagle watching, game hunting, horseback riding, cross-country skiing, snowmobiling, hiking, etc. The County's abundance of rivers and streams is one of its greatest recreational assets.

Table 5.05 Inventory of Crawford County Public Boat Landings

Public Boat Landing	River Location	Features
Backwater Lake Access	Backwater lake	T. Freeman, carry in, small boat or canoe
Kickapoo Landing	Kickapoo River	NA
Plum Creek Landing	Kickapoo River	NA
Village Park	Kickapoo River	NA
Village Park	Kickapoo River	NA
Village Park	Kickapoo River	NA
Wauzeka Boat Landing	Kickapoo River	V. Wauzeka
Ambro Slough Landing	Mississippi River	T. Prairie du Chien, 1 gravel launch lane, small boats only
Big Slough Landing	Mississippi River	T. Freeman, ramp, 2 paved launch lanes, large boats
Campion Landing	Mississippi River	C. Prairie du Chien, ramp, 2 paved launch lanes, restrooms, large boats
DNR-Ambro Access	Mississippi River	T. Prairie du Chien, ramp, 1 paved launch lanes, small boats only

Table 5.05 Inventory of Crawford County Public Boat Landings

Public Boat Landing	River Location	Features
Ferryville Landing	Mississippi River	T. Freeman, ramp, 2 paved launch lanes, portable restrooms, launch fee
Gordons Bay Landing	Mississippi River	T. Eastman, ramp, 2 paved launch lanes, portable restrooms
Lawler Park	Mississippi River	C. Prairie du Chien, ramp, 2 paved launch lanes, restrooms
Lynxville Landing	Mississippi River	V. Lynxville, ramp, 1 gravel launch lane
Marina Ramp	Mississippi River	C. Prairie du Chien, ramp, 2 paved launch lanes
Mississippi River	Mississippi River	T. Freeman, ramp
Mississippi River	Mississippi River	T. Seneca, ramp
North Water St. Landing	Mississippi River	C. Prairie du Chien, ramp, 2 paved launch lanes
Vard Landing	Mississippi River	T. Eastman, ramp
West Cedar St. Landing	Mississippi River	C. Prairie du Chien, ramp, 1 gravel launch lane
Winneshiek Slough Landing	Mississippi River	T. Freeman, ramp, 1 paved launch lane
Cold Spring Landing	Mississippi River	T. Seneca, ramp, 1 paved launch lane

Crawford County Parks

Crawford County operates three parks: 1) Husher Park, a small wayside with picnic tables and an observation platform overlooking the Kickapoo Valley is located near Wauzeka on Hwy 131; and 2) Indian Mound Park, a wayside park located in Wauzeka Township on Highway 60 was purchased from the Wisconsin Department of Transportation in 2004 and features Indian burial mounds; and 3) Crowley Ridge Park located on Cty. E in the Town of Marietta. Map 5.02 shows the location of these parks.

Crawford County also owns the Crawford County Fairgrounds, STH 131, Gays Mills. Each year the Crawford County Fair is held at the fairgrounds and provides fair goers opportunities to experience animal exhibits and judging, commercial and educational exhibits, carnival rides, and live entertainment.



Crawford County Fairgrounds

Bicycling

There are several scenic bicycle loops in Crawford County. Table 5.06 below provides information on the loops.

Table 5.06 Crawford County Bicycle Loops

Name of Loop	Length	Other Information
Wauzeka Corridor	42 miles	86% paved, Parking at boat landing, Kickapoo Indian Caverns at Wauzeka
De Soto Loop	35 miles	60% paved, Parking at ball field at De Soto, Rush Creek Natural Area
Ferryville Loop	44 miles	93% paved, Parking at Sugar Creek Park south of Prairie du Chien, Blackhawk-Kickapoo Watershed Project
Seneca Loop	33.1 miles	100 % paved, Parking on streets of Seneca or at Town Hall
Eastman Loop	39 miles	92% paved, Parking on streets of Eastman, parallels the boundary of Kickapoo Valley State Wildlife Area
Prairie du Chien Loop	22.3 miles	93% paved, Parking at St. Feriole Island Ball Field, historic St. Feriole Island, Ft. Crawford Museum
Soldiers Grove Loop	14.5 miles	100% paved, Parking at Beauford T. Anderson Memorial Park, Veterans Memorial and Region 5 Medal of Honor Wall
Gays Mills Loop	18 miles	84% paved, Parking a Museum of the Kickapoo
Mt. Zion Loop	28.4 miles	98% paved, Parking at Mt. Zion bar

Source: Crawford County Bicycle Map, Crawford County Tourism Council and Community Dev. Alternatives, Inc.

Hunting

There are two state owned wildlife areas located in Crawford County, Table 5.07.

Table 5.07 State Owned and Leased Land- Wildlife Areas in Crawford County

Name	Size	Location	Description
Kickapoo River Wildlife Area – Bell Center Unit	1,400 acres	2 miles south Gays Mills along STH 131	Area consists of upland hardwood forests, marshlands and Kickapoo River bottomlands. Allowed recreation activities include: hunting, trapping, hiking, cross-country skiing, wildlife viewing, fishing, bird watching, and canoeing
Kickapoo River Wildlife Area – Wauzeka Unit	5,697 acres	1/2 mile north of STH 60 on STH 131	Area consists of upland hardwood forests, agriculture/ grasslands, wetlands, and Kickapoo River bottomlands. Allowed recreation activities include: hunting; trapping; fishing; hiking; berry picking, nut and mushroom gathering; cross-country skiing; wildlife viewing; bird watching; canoeing.

Source: Wisconsin Department of Natural Resources

Crawford County has six of Wisconsin’s designated natural areas, Table 5.08. These areas are open to the public for scientific research and low impact recreation activities such as hiking, bird watching, and nature study.

Table 5.08 State Natural Areas (SNA's) in Crawford County

Name	Size	Location	Outstanding Features
Rush Creek SNA	2,460 acres	Rush Creek Road	Dry lime prairies situated on the steep southwest facing limestone-capped bluffs of the Mississippi River.
Wauzeka Bottoms	798 acres	Canoe or boat across the Wisconsin River from the Woodman boat landing, located 2 miles w. of Woodman on STH 133	Extensive stand of mature floodplain forest on the north side of the Wisconsin River.
Hogback Prairies	971 acres	Citron Valley Road	Narrow, steep-sided limestone-capped ridge that rises 300' above the Citron Valley, a former oxbow of the nearby Kickapoo River.
Sugar Creek Bluffs	77 acres	Junction of Lagoon St. & gravel driveway just past the bridge, walk up the driveway 100 feet to a sign on the left indicating the trailhead	Dry goat prairies on west and south-facing slopes, dry-mesic forest, and Sugar Creek, a Class 2 trout stream.
Limery Ridge Savanna	210 acres	STHs 27 & 35 in PDC, go N. on Hwy 35, two miles. Area lies E. of the Hwy. Steep slope access.	Features one of the few remaining undeveloped bluffs overlooking the Mississippi River.
Kickapoo Wild Woods	635 Acres	Onstine Hill Road	Diverse forest ranging from bur and white oak dry forest to sugar maple mesic woodland.

Source: Wisconsin Department of Natural Resources

Miscellaneous Recreation Areas

Other recreation offerings in the County include Hubbard’s Fishing Float, located at Lock and Dam # 9 at Lynxville. This is a prime fishing area that includes a dock and also has an adjoining restaurant.

The Kickapoo Indian Caverns are located on 54850 Rhein Hollow Road, Wauzeka. The caverns were carved by underground rivers and used for centuries as shelter by Native Americans. The ancient caverns feature the 60’-high onyx ceiling of the Majestic Cathedral Room, the Frozen Waterfall, and the Turquoise Room.

Crawford County is also home to the Fort Crawford Museum located at 719 S. Beaumont Road, Prairie du Chien. This facility features three buildings with 50 exhibits and 2 Wisconsin historical markers.

Telecommunications, Transmission Lines, and Power Generating Plants

Telecommunications

Crawford County has a wide range of telecommunication services available to residents and many communities in the County have available telecommunication services from more than one provider, Table 5.09. A variety of services are available. These services include telephone, high speed DSL Internet service, Cable TV (CATV) Broadband-type Internet access via cable modems, Integrated Subscriber Digital Network (ISDN) service,

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Synchronous Optical Network (SONET) high speed transmission over fiber optic lines, and Fiber to premises (FTTP) where fiber terminates at residential customers homes providing a higher quality voice, video, and Internet transmission. The County also has Enhanced 911 (E911) service that provides for reporting to the 911 answering point, the name and number of the wireless caller along with location information.

Table 5.09 Crawford County Telecommunication Providers

Community	Telecommunication Provider	Residential	Business	Website
T. Bridgeport	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Clayton	CENTURYTEL OF THE MIDWEST - WISCONSIN, LLC	(800)201-4099	(800)201-4102	www.centurytel.com
T. Clayton	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
T. Eastman	CHARTER FIBERLINK LLC	(866)207-3663	(866)207-3663	www.charter.com
T. Eastman	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Freeman	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
T. Freeman	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Freeman	VERNON TELEPHONE COOPERATIVE	(608)634-3136	(608)634-3136	www.vermontel.com
T. Haney	CENTURYTEL OF THE MIDWEST - WISCONSIN, LLC	(800)201-4099	(800)201-4102	www.centurytel.com
T. Haney	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
T. Haney	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Marietta	CENTURYTEL OF THE MIDWEST - WISCONSIN, LLC	(800)201-4099	(800)201-4102	www.centurytel.com
T. Marietta	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Prairie du Chien	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Scott	CENTURYTEL OF THE MIDWEST - WISCONSIN, LLC	(800)201-4099	(800)201-4102	www.centurytel.com
T. Scott	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
T. Seneca	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Utica	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
T. Utica	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
T. Wauzeka	CHARTER FIBERLINK LLC	(866)207-3663	(866)207-3663	www.charter.com
T. Wauzeka	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
Uninc. Mt. Zion	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
V. Bell Center	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
V. DeSoto	VERNON TELEPHONE COOPERATIVE	(608)634-3136	(608)634-3136	www.vermontel.com
V. Eastman	POWERCOM CORPORATION Powercom (DBA)	(800)444-4014	(800)444-4014	www.powercom.net
V. Eastman	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
V. Eastman	VERIZON NORTH INC - WI OPERATION	(800)483-4000	(800)483-5000	www.verizon.com
V. Ferryville	POWERCOM CORPORATION Powercom (DBA)	(800)444-4014	(800)444-4014	www.powercom.net
V. Ferryville	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
V. Ferryville	VERIZON NORTH INC - WI OPERATION	(800)483-4000	(800)483-5000	www.verizon.com
V. Gays Mills	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
V. Lynxville	POWERCOM CORPORATION Powercom (DBA)	(800)444-4014	(800)444-4014	www.powercom.net
V. Lynxville	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
V. Lynxville	VERIZON NORTH INC - WI OPERATION	(800)483-4000	(800)483-5000	www.verizon.com
V. Mt. Sterling	POWERCOM CORPORATION Powercom (DBA)	(800)444-4014	(800)444-4014	www.powercom.net
V. Mt. Sterling	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
V. Mt. Sterling	VERIZON NORTH INC - WI OPERATION	(800)483-4000	(800)483-5000	www.verizon.com
V. Soldiers Grove	RICHLAND GRANT TELEPHONE COOPERATIVE	(608)537-2461	(608)537-2461	www.rgtelecom.com
V. Steuben	CENTURYTEL OF THE MIDWEST - WISCONSIN, LLC	(800)201-4099	(800)201-4102	www.centurytel.com
V. Wauzeka	CHARTER FIBERLINK LLC	(866)207-3663	(866)207-3663	www.charter.com
V. Wauzeka	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com
C. Prairie du Chien	TELEPHONE USA OF WISCONSIN LLC CenturyTel(DBA)	(800)201-4099	(800)201-4102	www.centurytel.com

Information is based on ongoing PSC research, but is only as good as the data submitted by telecommunication providers.

Source: Wisconsin Public Service Commission

Electric Service

Crawford County residents receive electrical service from Alliant Energy, an investor owned public utility holding company that has customers in Iowa, Minnesota, and Wisconsin; and three Cooperatives; Dairyland Power-La Crosse, Scenic Rivers Energy Cooperative-Lancaster, and Richland Electric Cooperative-Richland Center. Richland Energy Cooperative provides electric service to 50 or less county residents.

There are two owners of transmission lines in Crawford County, American Transmission Company (ATC), and Dairyland Power Cooperative (DPC). Electric transmission lines carry electric energy from power plants to local communities, and distribution substations reduce the high-voltage energy and transfer it to lower voltage distribution lines, which then carry the energy down streets closer to individual houses and businesses. Rights-of-way vary from a width of 40 feet to 150 feet, or more if there are more than one set of structures on the right-of-way. Crawford County's transmission lines are owned by Dairyland Power (DPC) and American Transmission Company (ATC).



A power substation in Prairie du Chien

American Transmission Company has seven substations and three tap or switching stations in the County. The lines are 69kV lines and run north to south on the eastern side of the County from the County line up to Seneca, on to Gays Mills and to Bell Center; and another lines goes east to west across the southern border from Hillside to Gran Grae, and on to Wauzeka and into Grant County. ATC's 10 year transmission assessment shows an overload in the line running east to west across southern Crawford County. ATC has a planned upgrade that includes an uprate of Y-40 Gran Grae-Boscobel 69-kV line to achieve a 99 MVA summer emergency rating in 2017. ATC's Ten Year Assessment is published every year in September/October and transmission limitation and projects can change as a result of that annual assessment.

Dairyland Power Cooperative (DPC) has the remaining transmission lines in Crawford County. DPC has 69 kV and 161 kV transmission lines in the County. It has two substations: Seneca is a 161 kV substation west of Seneca, and Bell Center is 161 kV and 69 kV substation southeast of Bell Center. DPC has six distribution substations: 1) Prairie du Chien, NE of Prairie du Chien; 2) Eastman, SE of Eastman; 3) Gays Mills, NW of Gays Mills; 4) Soldiers Grove, E of Soldiers Grove; 5) Steuben, SE of Steuben; and 6) Mt. Zion, W of Mt. Zion. As of 2009 DPC does not have any transmission lines in Crawford County that are in need of an upgrade.

Dairyland Power is currently involved in a major planning effort, CAPX2020. CapX2020 is a joint initiative of 11 transmission-owning utilities in Minnesota and the surrounding region to expand the electric transmission grid. New transmission lines will be built in phases. The CAPX2020 Hampton-Rochester-La Crosse 345 kV project will improve reliability for the Twin Cities, Rochester and La Crosse areas, and improve access to generation in the south and east part of the State which includes Crawford County. The scope of the project is 150 miles, 345 kilovolt with targeted in service 2013-2015. Open houses were held in December 2008 to gather public input and help utilities select two route options.

A February 10, 2009 Wisconsin State Journal news article stated that ITC Holdings CORP, a Michigan utility company wants to build a super-sized transmission line (called the Green Power Express) that would link wind-power farms throughout the Midwest and carry their electricity to urban areas where the power is needed. The \$10 billion to \$12 billion project would cover 3,000 miles over seven states, including Wisconsin. A conceptual map has the line entering Wisconsin at the state's border with Minnesota and Iowa, about halfway between La Crosse and Prairie du Chien, and heading east. The proposal involves building massive 765-kilovolt transmission lines — nearly twice the

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capacity of the biggest lines now running through the State, at 345 kilovolts. The article stated construction would begin in two years with a target date of 2020 for the lines to be in service.

There are no power generating plants located in Crawford County. Dairyland Power, a 345.6 megawatt facility is located in neighboring Vernon County on STH 35.

Map 5.03 shows the location of the transmission lines and substations in the County.

Gas Service

Natural gas service is provided to county residents by Madison Gas and Electric, an investor-owned public utility headquartered in Madison, Wisconsin.

Communication Towers

There are 11 communication towers located in Crawford County, and one application that has been granted but has not been constructed. The towers range in height above ground level from 10.6 meters to 97.5 meters.

Map 5.03 shows the location of the communication towers in the County.



A cell tower in southern Crawford County

Police, Fire and Rescue Facilities

Crawford County’s law enforcement facilities are inventoried in Table 5.10 and illustrated on Map 5.04. The county sheriffs office is located in the City of Prairie du Chien and houses the jail and county law enforcement offices.

The county sheriffs office works cooperatively with the City of Prairie du Chien police department on a tactical team that is also staffed by members drawn from Clayton County, Iowa law enforcement agencies. This multi-agency, multi-state tactical team is fully trained and equipped to handle tactical response missions as well as narcotics operations and clandestine drug laboratory seizure. This cooperative approach is a cost effective answer to tactical operations and narcotics enforcement.

The 911 Communication Center is a joint undertaking between county sheriffs office and the City of Prairie du Chien. In 2008, the Crawford County Sheriff’s Department also joined the Wisconsin Internet Crimes Against Children (ICAC) Task Force, a force established by the Wisconsin Department of Justice to keep children safe from predators on the Internet.

Table 5.10 Crawford County Sheriff and Police Facilities

Law Enforcement Agency	City	State	Zip	Telephone	Other Information
Crawford County Sheriff’s Office	Prairie du Chien	WI	53821	(608) 326-0241	911 Communication Center
Ferryville Police Department	Ferryville	WI	54628	(608) 734-3057	
Gays Mills Police Department	Gays Mills	WI	54631	(608) 735-4341	
Prairie du Chien Police Dept.	Prairie du Chien	WI	53821	(608) 326-2421	911 Communication Center, 14 FT & 5 PT Officers
Soldiers Grove Police Department	Soldiers Grove	WI	54655	(608) 624-5612	

Source: Wisconsin Department of Justice

Table 5.11 below is a listing all fire and rescue facilities in Crawford County. All facilities with the exception of the City of Prairie du Chien are staffed by trained volunteers. Map 5.04 shows the location of these facilities.



The Gays Mills Fire Station

Table 5.11 Crawford County Fire and Rescue Facilities

	Address	City	Zip	Phone	Type	No Volunteers	No. Stations
Bridgeport Vol Fire Dept ⁽²⁾	35576 Bouska Rd	Prairie du Chien	53821-9802	(608) 326-6623	Local	36	2
De Soto Vol Fire Dept	PO Box 70	DeSoto	54624	(608) 648-3331	Local	18	1
Eastman Vol Fire Dept	PO Box 6	Eastman	54626-0006	(608) 874-4595	Local	40	1
Ferryville Vol Fire Dept	15910 Hwy 35 S	Ferryville	54628	(608) 648-2743	Local	15	1
Gays Mills Vol Fire Dept	RR 2 Box 214	Gays Mills	54631	(608) 735-4424	Local	NA	NA
Prairie du Chien Fire Dept ⁽²⁾	720 E Blackhawk Ave	Prairie du Chien	53821-1653	(608) 326-4365	Local	⁽¹⁾ 29	2
Seneca Vol Fire Dept	P O Box 211	Seneca	54654	(608) 734-3256	Local	NA	NA
Soldiers Grove Fire Dept	PO Box 234	Soldiers Grove	54655-0234	(608) 624-5802	Local	27	1
Wauzeka Vol Fire Dept	PO Box 366	Wauzeka	53826-0216	(608) 875-6931	Local	28	1

Source: (1) Wisconsin Department of Commerce and (2) <http://wi.firedepartments.net/fire/county/Wisconsin.html>

(1) Mostly volunteer, 1 career firefighter; (2) Joint fire department

Health Care, Libraries and Schools

There are six health care facilities (3 clinics, 1 hospital, 2 nursing care facilities) located in Crawford County, Table 5.12. All but one of the medical facilities in the County are located in the City of Prairie du Chien, the county seat. County residents also have access to Gundersen Lutheran and Franciscan Skemp clinics located in La Crosse County. The Boscobel Free Clinic (located in Boscobel in Grant County) is also available to county residents. The Clinic is open the 1st and 3rd Mondays: 5:30pm-8pm, and the 1st and 3rd Saturdays: 9:30am-Noon. The clinic is open to adults, children, and people having difficulty accessing primary health care, people with no health insurance, and people covered under state programs such as Medicare and Medicaid. Map 5.05 shows the location of the County's health care facilities.

Table 5.12 Crawford County Health Care Facilities

Health Care Facilities	Address Line 1	City	Zip	Telephone
Clinics				
Franciscan Skemp Health Care Clinic	800 East Blackhawk Ave.	Prairie du Chien	53821	(608) 326-0808
Gundersen Lutheran Prairie du Chien Clinic	610 East Taylor Street	Prairie du Chien	53821	(608) 326-6466
Kickapoo Valley Medical Clinic	102 Sunset Avenue	Soldiers Grove	54655	(608) 624-5203
Inhealth Community Wellness Clinic (Boscobel Free Clinic)	109 East Bluff Street	Boscobel	53805	(608) 475-4324
Hospitals				
Prairie du Chien Memorial Hospital	705 East Taylor Street	Prairie du Chien	53821	(608) 326-2431
Nursing Care Facilities				
Prairie Health Care Center	1505 East Brunson Street	Prairie du Chien	53821	(608) 326-8471
Sannes Skogdalen	101 Sunshine Boulevard	Soldiers Grove	54655	(608) 624-5244

Wisconsin Department of Health and Human Services

Crawford County Comprehensive Plan 2009-2029, Utilities and Community Facilities

There are four libraries located in Crawford County. Table 5.13 gives the location of the libraries and the 2007 county appropriation. Map 5.05 shows the location of the libraries in the County.

Table 5.13 Crawford County Libraries

Library Name	Street Address	City	Hrs Open Weekly	County Appropriation
Gays Mills Public Library	205 Main St.	Gays Mills	26	\$13,774
Joseph W. & Emma L. Wachute Memorial Library	125 S. Wacouta Ave.	Prairie du Chien	56	\$54,160
Soldiers Grove Public Library	102 Passive Sun Dr., Solar Town Ctr	Soldiers Grove	31	\$19,266
DeSoto Village Library	Houghton Street	DeSoto	NA	NA
Adjustment				\$12,221
				\$99,421

Source: Wisconsin Department of Public Instruction, 2007 Wisconsin Public Library Service Data

Table 5.14 inventories public and private schools located in Crawford County. In the 2007-2008 school year the enrollments in the public and private schools systems were approximately 2,378 and 326 respectively. Southwest Technical College, a Wisconsin accredited technical college, serves Crawford County and is located in nearby Fennimore. There is also a campus of the Upper Iowa University located in the City of Prairie du Chien. Map 5.05 shows the location of the schools and school districts in the County.

Table 5.14 Crawford County Schools

School Facility Name	Address	City	2007-2008 Enrollment
Public Schools			
BA Kennedy School	420 S Wacouta Ave	Prairie du Chien	310
Bluff View Intermediate	1901 E Wells Street	Prairie du Chien	434
Prairie du Chien High School	800 E Crawford Street	Prairie du Chien	473
Prairie du Chien Correctional Institute	500 E Parrish Street	Prairie du Chien	40
Seneca Elementary	Highway 27	Seneca	122
Seneca Jr High School	Highway 27	Seneca	61
Seneca High School	Highway 27	Seneca	108
North Crawford Elementary	47050 Co Road X	Soldiers Grove	320
North Crawford High School	47050 Co Rd X	Soldiers Grove	158
Wauzeka Elementary	301 Main Street	Wauzeka	191
Wauzeka Jr. High	301 Main Street	Wauzeka	68
Wauzeka High School	301 Main Street	Wauzeka	93
Private Schools			
St. Gabriel Elementary & St. John Nepomucene Middle	515 N Beaumont Rd & 720 Wacouta	Prairie du Chien	230
Prairie Christian Academy (Bible Baptist)	N Marquette Road	Prairie du Chien	21
Wylusing Academy	601 S Beaumont Rd	Prairie du Chien	75
Grace Evangelical Lutheran PreSchool	1515 S 15th St	Prairie du Chien	NA
United Methodist PreSchool	625 S. Dousman	Prairie du Chien	NA
Wisconsin Technical Colleges			
Southwest Technical College	1800 Bronson Boulevard	Fennimore	NA
Western Technical College - Viroqua Campus	220 South Main St.	Viroqua	NA
Universities			
UW-Richland Center	1200 Hwy. 14 West	Richland Center	NA
Upper Iowa University- PDC Campus	133 S Michigan	Prairie du Chien	NA

Source: Wisconsin Department of Public Instruction

Churches and Cemeteries

Crawford County has numerous churches and cemeteries. There are 14 churches and 51 cemeteries located throughout the County. Several of the cemeteries are privately or municipally owned while others are affiliated with churches. Map 5.06 shows the locations of these facilities in the County.

GOALS, STRATEGIES, POLICIES AND ACTIONS FOR UTILITIES AND COMMUNITY FACILITIES

Utilities and Community Facilities Element Goals

Crawford County developed goals based on public input from surveys, public meeting participation, and committee and resident knowledge. As previously described, in the context of this plan goals are broad statements that Crawford County desires to achieve. Following each goal are definitions, policies, programs/actions, etc. that are recommended to address each goal. In addition, after selected programs/actions an implementation time period has been designated and these items have been included in the plan implementation schedule located in Chapter 9. Items that do not have a designated implementation period represent general policies or programs and are recommended to be utilized when making policy decisions.

Goal A ► Maintain the existing level of public services provided to county residents.

1. It is recommended that the County Public Property Committee annually review the list of public facilities to determine if the space and use of current facilities is adequate. Table 5.04 provides an inventory of Crawford County owned facilities.
Implementation 2010-2012
2. Continue joint purchases and sharing of materials/equipment with neighboring counties, local towns, cities and villages in order to provide community services in the most efficient manner possible. The sharing of services/materials is currently taking place between various highway departments in the form of snow plowing, salt and culvert purchase, etc.
Implementation throughout the planning period
3. Throughout the planning period continue to monitor the changing needs of Crawford County residents through surveys, focus groups, etc. and provide or update community facilities as needed.
Implementation throughout the planning period

Goal B ► Explore alternative sources of energy and promote energy conservation as a means of meeting future energy demand.

1. It is recommended that the County in conjunction with cities, villages and towns work to develop necessary ordinances to manage the utilization of alternative energy sources ensuring a net benefit to the residents of the County.
Implementation 2010-2020
2. It is recommended that the County pursue grant funding to modify existing county facilities to improve energy efficiency.
Implementation 2010-2020
3. Review the State's Solar and Wind Access Law and determine if additional local ordinances are needed to either encourage or regulate solar or wind energy.
Implementation 2010-2020
4. Support local initiatives that explore environmentally friendly alternative sources of energy (renewable, wind, solar energy, etc.) which will supplement traditional energy sources, support the agriculture industry, and protect the environment.

5. Energy efficient design and construction should be considered for the construction and/or renovation of all county facilities.
6. Encourage energy consumers to participate in energy conserving programs.

Goal C ► **Improve communication technology infrastructure and maintain regulations that manage such facilities.**

1. Work cooperatively with the Public Service Commission and communication service providers to survey county businesses and residents to establish existing service areas and gaps in internet service.
Implementation 2010-2020
2. Continue enforcement of Crawford County's Telecommunications Regulations and Standards ordinance. The ordinance regulates the location and height of communication facilities (towers).

Goal D ► **Ensure that the natural resources of the County are protected in the development of utilities and community facilities.**

1. Encourage communities to adopt wellhead protection ordinances when new municipal wells are installed in Crawford County.
Implementation throughout the planning period
2. Monitor the Wisconsin Department of Natural Resources enforcement of pre and post construction stormwater runoff regulations in Crawford County to ensure the water resources of the County are protected.
Implementation throughout the planning period
3. Identify strategies to promote stormwater management runoff alternatives (Best Management Practices, detention/retention ponds, etc.) to be used on public/private construction projects.

Consistency with Local Comprehensive Planning Goals as described in s. 16.965(4) Wis. Stats.

Listed below is the Comprehensive Planning Goals described in State Statute that is related to the Utilities and Community Facilities Element. Following the goal is a discussion how it was addressed during the planning process.

- *Providing adequate infrastructure and public services and an adequate supply of developable land to meet existing and future market demand for residential, commercial and industrial uses.*

This element discusses the methods in which adequate infrastructure and public services will be provided and maintained. Provision of the services will be monitored by the County and input from residents will be requested through surveys, focus groups, etc. The Land Use Element addresses the future locations designated for future residential, commercial and industrial uses.

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